

Evidence of overprediction of CPG Bioaccumulation Model when compared to Bioaccumulation Tissue

Predictions from App D_Attach D-1_FWM template-Steady State_6-30-15 - For EPA.xls

2378 TCDD

Prediction for Deposit Feeder (4)		
	Sitewide	RM 7-DD (fresher)
ng/kg	380	620
Observation in LPRSA Tissue Samples		
Appendix F, Table 1a		
	Neresis virens	Lumbriculus variegatus
	Estuarine	Freshwater
mean ng/kg	6.1	27
max ng/kg	19	140
Factor overprediction		
mean	62.3	23.0
max	20.0	4.4

TPCB

Prediction for Deposit Feeder (4)		
	Sitewide	RM 7-DD (fresher)
ug/kg	293	313
Observation in LPRSA Tissue Samples		
Appendix F, Table 2a		
	Neresis virens	Lumbriculus variegatus
	Estuarine	Freshwater
mean ng/kg	53	180
max ng/kg	130	530
Factor overprediction		
mean	5.5	1.7
max	2.3	0.6